II. LISTING OF CLAIMS

1-35. (Canceled)

36. (Currently Amended) A method of preparing a library of compounds of the formula:

L-X-L

wherein

each L is independently a ligand which binds to a cellular receptor; and

X is a linker of the formula:

$$-X'-Z-(Y'-Z)_m-Y''-Z-X'-$$

wherein

m is an integer of from 0 to 20;

X' at each separate occurrence is selected from the group consisting of -O-, -S-, -NH-, -C(O)-, -C(O)O-, -C(O)NH- and a covalent bond;

Z at each separate occurrence is selected from the group consisting of alkylene, cycloalkylene, alkenylene, alkynylene, arylene, heteroarylene, heterocyclene and a covalent bond;

Y' and Y" at each separate occurrence are selected from the group consisting of -C(O)NR'-, -NR'C(O)-, -NR'C(O)NR'-, -C(=NR')-NR'-, -NR'-C(=NR')-, -NR'-C(O)-O-, -P(O)(OR')-O-, $-S(O)_nCR'R''-$, $-S(O)_n-NR'-$, -S-S- and a covalent bond; where *n* is 0, 1 or 2; and

R' and R" at each separate occurrence are selected from the group consisting of hydrogen, alkyl, substituted alkyl, cycloalkyl, substituted cycloalkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, aryl, heteroaryl and heterocyclic;

the method comprising the steps of:

(a) ~~identifying~~ selecting a ligand ~~compound~~ which binds to ~~a~~ the cellular receptor;

(b) providing a plurality of functionalized ~~ligand compounds~~ ligands, each functionalized ~~ligand compound~~ ligand comprising the ligand ~~compound~~ from step (a) having a reactive functional group selected from the group consisting of an $-NH_2$, COOH, C(O)Y, CHO, OH, SH, N=C=O and Y

group, where Y is halo; wherein the reactive functional group of each functionalized ligand ~~compound~~ is located at a different position relative to the other functionalized ~~ligand compounds~~ ligands;

(c) providing ~~a~~ the linker ~~compound comprising~~ having two reactive functional groups independently selected from the group consisting of an $-NH_2$, -COOH, -C(O)Y, -CHO, -OH, -SH, -N=C=O and -Y group, where Y is halo; wherein each of the reactive function groups of the linker ~~compound~~ has complementary reactivity to the reactive functional group of ~~a~~ the functionalized ligand ~~compound~~ from step (b);

(d) reacting the linker ~~compound~~ from step (c) with each of the functionalized ~~ligand compounds~~ ligands from step (b) to provide ~~a~~ the library of compounds of the formula L-X-L.

37. (Currently Amended) The method of Claim 36, wherein the method further comprises the step of:

(e) assaying each compound of the library from step (d) to determine ~~its~~ the binding affinity of the compound for the cellular receptor.

38. (Currently Amended) The method of Claim 36, wherein the linker ~~compound~~ has a chain length between reactive functional groups of from about 2 Å to 100 Å.

39. (Previously Presented) The method of Claim 36, wherein the cellular receptor is a G-protein coupled receptor.

40. (Previously Presented) The method of Claim 39, wherein the cellular receptor is a muscarinic receptor.

41. (New) The method of Claim 36, wherein each Z is alkylene or arylene.

42. (New) The method of Claim 36, wherein each Z is alkylene or arylene; Y' and Y" are covalent bonds; and m is 0 or 1.